



IL1RL1 Antibody

E80902-2

Product Type:	Rabbit Polyclonal IgG, primary antibodies
Catalog Number:	E80902-2
Amount:	100ul 1 mg/ml
Positive control:	D3
Molecular Wt.:	40kDa
Cellular Localization:	Cell Membrane
Form of Antibody:	Liquid
Storage Buffer:	1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.
Description:	ST2 known as IL1RL1, a membrane protein, belongs to the interleukin-1 receptor family with three Ig-like C2-type (immunoglobulin-like) domains and a TIR domain. Predominantly ST2 expressed in hematopoietic tissues, and in macrophage, erythroid, epithelial and fibroblast cell lines. ST2 is a receptor for interleukin-33 (IL-33) which upon stimulation recruits the signaling molecules MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8.
Storage/Stability:	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Purity:	Affinity purified
Recommended Dilutions:	WB: 1:250
Specificity/Sensitivity:	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to mouse IL1RL1.
Reactivity:	Mouse
Applications:	WB
Swiss-Prot No. :	SwissProt P14719
References:	1. "Alternative promoter usage of the Fos-responsive gene Fit-1 generates mRNA isoforms coding for either secreted or membrane-bound proteins related to the IL-1 receptor." Bergers G., Reikersdorfer A., Braselmann S., Graninger P., Busslinger M. EMBO J. 13:1176-1188(1994) 2. "The IL-33/ST2 pathway: therapeutic target and novel biomarker." Kakkar R, Lee RT. Nat. Rev. Drug Discov. 2008 Oct;7(10):827-40. Review.

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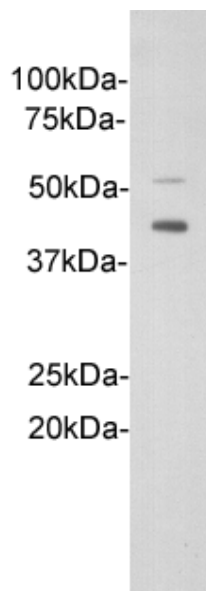


Fig: Western blot analysis on D3 using anti- IL1RL1 polyclonal antibody.